

蜘蛛抱蛋属一新种

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A new species of *Aspidistra* Ker-Gawl. (Liliaceae) from Guizhou, China

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Key words Liliaceae; *Aspidistra*; *A. spinula* S. Z. He; New species; Guizhou; China

关键词 百合科; 蜘蛛抱蛋属; 刺果蜘蛛抱蛋; 新种; 贵州; 中国

刺果蜘蛛抱蛋 新种 图 1

Aspidistra spinula S. Z. He, sp. nov. (sect. *Luridae* C. Z. Li), Fig. 1

Species *A. longanensi* Y. Wan affinis, quae stigmat medio faciei superae valde convexo, tetrapartito, margine 16-lobo, facie infera aciebus 16 longitudinalibus aliformibus ornato differt; et similis *A. cruciformi* Y. Wan et X. H. Lu, quae lobis perianthii basi intus sine projecturis calcariformibus.

Herba perennis. Rhizoma repens, subteres, 6~10 mm diam., dense nodosum et squamatum, radices paucas elongatas edens. Vaginae 2~3, purpureae, 8~13 cm longae, basin folii amplectentes, vetustiores in fibrillas demum dissolutae. Folia solitaria, 5~10 mm inter se distantia; lamina elliptica, 18~38 cm longa, 6~9 cm lata, apice acuminata, basi cuneata, inaequilateralis, paulo flavo-albo-punctata; petioli rigidi, 16~56 cm longi, supra sulcati. Pedunculus 4~9 cm longus, 3-bracteatus; bractae late ovatae, purpureae 0.8~1.2 cm longae, 0.4~0.6 cm latae. Flores solitarii; perianthium campanulatum, purpureum, 1.5~1.7 cm longum, 8-lobatum, lobis triangulari-lanceolatis 6~7 mm longis basi c. 4 mm latis intus projecturis calcariformibus c. 3 mm longis, superficie carinis 3~4 (interdum indistinctis) carinis ornatis, tubo 1.1~1.3 cm longo 1.4~1.5 cm diam.; stamina 8, basi tubi affixa, filamentis c. 1 mm longis, antheris late ovatis c. 2 mm longis 1.5 mm latis; pistillum c. 3.5 mm longum, stigmate peltato-dilatato, cruciformi, 0.8~1 cm diam. Bacca subquadrangulato-globosa, 1.2~1.4 cm diam., extus muricata, irregulariter spinescens. Fl. et Fr. Aug. - Oct.

China. Guizhou (贵州): SW Guizhou (贵州西南部), without precise locality, cultivated plant in Guiyang, introduced from southwestern Guizhou Province, 2001-09-16, S. Z. He (何顺志) 01916 (holotype, here designated, HGCM).

多年生草本。根状茎匍匐,近圆柱形,直径6~10 mm,具密节和鳞片,有少数伸长的根。叶鞘2~3枚,紫红色,长8~13 cm,抱着叶的基部,枯后呈纤维状。叶单生,相距5~10 mm;叶片椭圆形,长18~38 cm,宽6~9 cm,先端渐尖,基部渐狭,两侧不等,具少量黄白

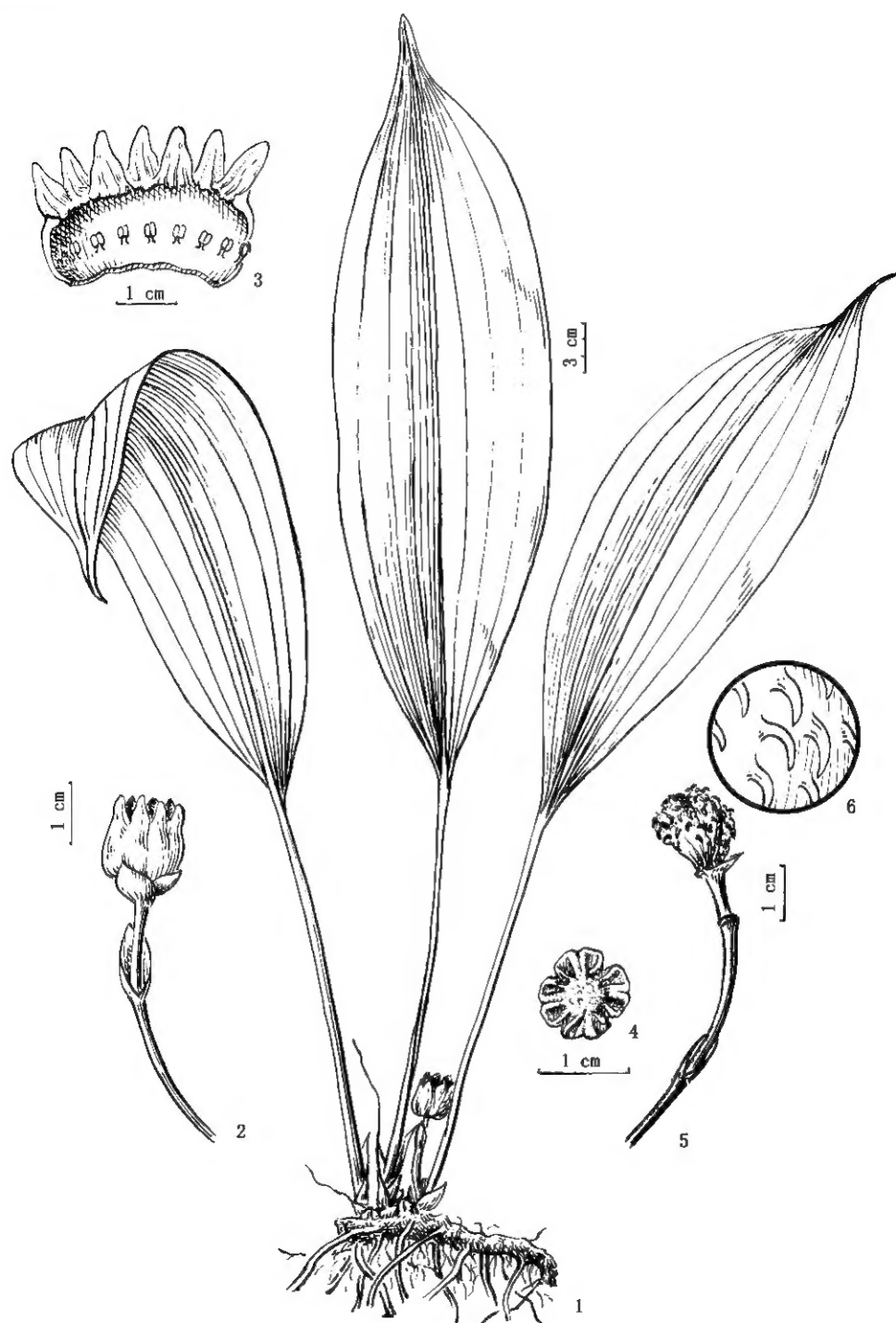


图 1 1~6. 刺果蜘蛛抱蛋 1. 全株; 2. 花; 3. 花被展开; 4. 柱头, 上面观; 5. 果实; 6. 果实部分放大, 示皮刺。
 Fig. 1 1~6. *Aspidistra spirula* S. Z. He 1. Whole plant; 2. Flower; 3. Perianth opened; 4. Stigma, upper view;
 5. Fruit; 6. Portion of fruit, showing skin spines.

色斑点;叶柄坚硬,长 16~56 cm,上面具槽。总花梗长 4~9 cm,具 3 枚苞片,苞片宽卵形,紫色,长 0.8~1.2 cm,宽 0.4~0.6 cm。花单生,直立;花被钟状,肉质,紫色,长 1.5~1.7 cm,8 裂,裂片三角状披针形,长 6~7 mm,基部宽约 4 mm,基部内面具距状突起,高约 3 mm,表面具 3~4 条(或有时不明显)肉质的脊突;花被筒长 1.1~1.3 cm,直径 1.4~1.5 cm;雄蕊 8 枚,着生于花被筒的近基部,花丝长约 1 mm;花药宽卵形,长约 2 mm,宽约 1.5 mm;雌蕊长约 3.5 mm,柱头盾状膨大,呈十字形,直径 0.8~1 cm。浆果近 4 棱状球形,直径 1.2~1.4 cm,外面粗糙,具不规则状刺。花果期 8~10 月。

本种与隆安蜘蛛抱蛋 *A. longanensis* Y. Wan 相近,唯后者柱头表面中央凸出,4 深裂,边缘 16 裂,下表面具 16 条翅状纵棱;也与十字蜘蛛抱蛋 *A. cruciformis* Y. Wan et X. H. Lu 近似,区别在于后者花被的裂片基部内面无具距状突起。